

Time allowed: 2 hrs 30 mts

Max. Marks = 100

UNIT I: Attempt all the Questions:

- What is meant by Reliability?
- What is data?
- What is the result if the Data is processed?
- What are attributes?
- What is a relation?
- What is a tuple?
- What are the functions of Data Dictionary?
- What is the application of "Substr()"?

UNIT II: Attempt all the Questions:

- Q1) Write down the main characteristics of DBMS.
- Q2) What is meant by
- Generalisation
 - Unique Key
 - Domain
- Q3) What is meant by normalization and what are its applications?
- Q4) Differentiate b/w
- "Like" & "Not" Operators
 - "Rpad" & "Rtrim" functions
 - "Length" & "Substr" functions
 - "Round" & "Trunc" functions

UNIT III: Attempt any two questions

Q1: A college student Registration Office maintains data about the following entities:

Class Rooms Courses Students Instructors Labs

Construct an E-R diagram for the Reg. Office making necessary assumptions.

Q2: What are the rules for a Database to be in First, Third & Fifth Normal Form?

Q3: a) What are Cursors & what are their applications?

1) OPEN 2) FETCH 3) COUNT(*) 4) SUM() 5) MIN() 6) MAX()